

ABSTRACT OF THE DISCLOSURE

NOZZLE MECHANISM OF COLD RUNNER DEVICE
IN INJECTION MOLD ARRANGEMENT

In an injection mold arrangement including a mold unit forming a cavity, a cold runner block and a nozzle block, a nozzle tip of the cold runner block is constructed to be brought into pressure contact with the cavity side by feed pressure of a molding material, e.g. rubber, thereby enabling it to make adjustment of the contact state virtually unnecessary, prevent leakage of the material, and facilitate the stage switching work during molding. To that end, the nozzle block is constructed so that a cylindrical piece is secured to an internal hole of a nozzle body by threading means; a nozzle piece having a gate is loose fitted inside the cylindrical piece with its lower tip protruded downwardly to be capable of advancing or receding so that the lower tip may be made into pressure contact with the perimeter of an injection port to the cavity by the feed pressure.